

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10718112
Filing Date	2003-11-20
First Named Inventor	Johannes Bartholomaus, et al.
Art Unit	1618
Examiner Name	Melissa Jean Perreira
Attorney Docket Number	107101-10 WCG

**U.S.PATENTS**

Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	3806603		1974-04-23	Gaunt et al.	
	2	4744976		1988-05-17	Snipes et al	
	3	4764378		1988-08-16	Keith et al	
	4	4774074		1988-09-27	Snipes	
	5	4806337		1989-02-21	Snipes et al	
	6	5004601		1991-04-02	Snipes	
	7	7141250		2006-11-28	Oshlack et al	
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9	4629621	1986-12-16	Snipes	
10	4713243	1987-12-15	Schiraldi et al	
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20	6436441	2002-08-20	Sako et al	
21	5273758	1993-12-28	Royce	
22	5945125	1999-08-31	Kim	
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1	20020051820			2002-05-02	Shell et al	
2	20030091630			2003-05-15	Louie-Helm et al	
3	20030104052			2003-06-05	Berner et al	
4	20030133985			2003-07-17	Louie-Helm et al	
5	20030152622			2003-08-14	Louie-Helm et al	
6	20040010000			2004-01-15	Ayer et al	
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8	20040185105	2004-09-23	Bemer et al	
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15	20070092573	2007-04-26	Joshi et al	
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	1	0 008 131	EP		1980-02-20	Union Carbide Corporation		<input type="checkbox"/>
	2	0 216 453	EP		1987-04-01	Fidia S.p.A.		<input type="checkbox"/>
	3	0 226 061	EP		1987-06-24	Allied-Signal Inc.		<input type="checkbox"/>
	4	0 228 417	EP		1987-07-15	ICI Australia Limited		<input type="checkbox"/>
	5	0 277 289	EP		1988-08-10	Biopure Corporation		<input type="checkbox"/>
	6	0 293 066	EP		1988-11-30	Alza Corporation		<input type="checkbox"/>
	7	0 328 775	EP		1989-08-23	Carrington Laboratories Inc.		<input type="checkbox"/>
	8	0 583 726	EP		1994-02-23	Kali-Chemie Pharma GmbH		<input type="checkbox"/>
	9	0 661 045	EP		1995-07-05	Yamanouchi Pharmaceutical Co. Ltd.		<input type="checkbox"/>

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10	0 696 598	EP	1996-02-14	Fidia Farmaceutici S.p.A.	<input type="checkbox"/>
11	1 859 789	EP	2007-11-28	Gruenthal GmbH	<input type="checkbox"/>
12	0 232 877	EP	1987-08-19	Zetachron, Inc.	<input type="checkbox"/>
13	0 598 606	EP	1994-05-25	Johnson & Johnson Consumer Products, Inc.	<input type="checkbox"/>
14	94 06414	WO	1994-03-31	Yamanouchi Pharmaceutical Co. Ltd/	<input type="checkbox"/>
15	95 30422	WO	1995-11-16	Pfizer Inc.	<input type="checkbox"/>
16	96 00066	WO	1996-01-04	Alza Corporation	<input type="checkbox"/>
17	03 105808	WO	2003-12-24	Gruenthal GmbH	<input type="checkbox"/>
18	2005 041968	WO	2005-05-12	Alza Corporation	<input type="checkbox"/>
19	2006 002883	WO	2006-01-12	Gruenthal GmbH	<input type="checkbox"/>
20	2006 002884	WO	2006-01-12	Gruenthal GmbH	<input type="checkbox"/>

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21	2006 082097	WO		2006-08-10	Gruenthal GmbH		<input type="checkbox"/>
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23	2007 008752	WO		2007-01-18	Farnan Companies, Inc		<input type="checkbox"/>
24	2007 048233	WO		2007-05-03	Orbus Pharma Inc.		<input type="checkbox"/>
25	2007 053698	WO		2007-05-10	Alza Corporation		<input type="checkbox"/>
26	02 26928	WO		2002-04-04	The Dow Chemical Company		<input type="checkbox"/>
27	90 03776	WO		1990-04-19	Zetachron, Inc.		<input type="checkbox"/>
28	93 11749	WO		1993-06-24	Warner-Lambert Company		<input type="checkbox"/>
29	03 035029	WO		2003-05-01	Depomed, Inc.		<input type="checkbox"/>
30	2005 016314	WO		2005-02-24	Gruenthal GmbH		<input type="checkbox"/>
31	2005 063214	WO		2005-07-14	Gruenthal GmbH		<input type="checkbox"/>

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	32	2005 102286	WO		2005-11-03	Gruenthal GmbH		<input type="checkbox"/>
	33	43 09 528	DE		1994-09-29	Metzger Wolfgang		<input type="checkbox"/>
	34	93 06723	WO		1993-04-15	Olin Corporation		<input type="checkbox"/>
	35	03 024430	WO		2003-03-27	Egalet A/S		<input type="checkbox"/>
	36	2005 016313	WO		2005-02-24	Grünenthal GmbH		<input type="checkbox"/>
	37	2352874	CA	A1	2000-06-08	Basf Aktiengesellschaft		<input type="checkbox"/>
	38	03 028698	WO	A2	2003-04-10	Anmelder Und		<input type="checkbox"/>
	39	250 2965	CA	A1	2004-05-06	Grünenthal GmbH		<input type="checkbox"/>
	40	2004 026263	WO	A2	2004-04-01	FMC Corporation		<input type="checkbox"/>
	41	03 013476	WO	A1	2003-02-20	Egalet A/A		<input type="checkbox"/>
	42	2530 563	DE		1977-01-27	Bayer AG		<input type="checkbox"/>

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	43	99 32120	WO	A1	1999-07-01	Euro-Celtique, S.A.	<input type="checkbox"/>
	44	98 028698	WO	A1	1998-07-02	Network Computer, Inc.	<input type="checkbox"/>
	45	0177893	EP	A2	1986-04-16	The Dow Chemical Company	<input type="checkbox"/>
	46	93 10758	WO	A1	1993-06-10	Pitman-Moore, Inc.	<input type="checkbox"/>
	47	94 08567	WO	A1	1994-04-28	Hellen L., et al.	<input type="checkbox"/>
	48	95 22319	WO	A1	1995-08-24	Abbott Laboratories	<input type="checkbox"/>
	49	0661045	EP	A1	1995-07-05	Yamanouchi Pharmaceutical Co. Ltd.	<input type="checkbox"/>
	50	03 06723	WO	A1	2003-01-23	Calp Corporation	<input type="checkbox"/>

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**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T5
	1	V.K. THOMA et al., "Bestimmung der In-vitro-Freigabe von schwach basischen Wirkstoffen aus Retardarzneiformen," Pharm. Ind. 51, Nr. 3 (1989)	<input type="checkbox"/>

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2	F. E. BAILEY et al., "Some Properties of Poly(ethylene oxide)' in Aqueous Solution," <i>Journal of Applied Polymer Science</i> , Vol. 1, Issue No. 1, pages 56-62 (1959)	<input type="checkbox"/>
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5	R. MANK et al., "Darstellung wirkstoffhaltiger Extrusionsformlinge auf der Basis von Thermoplasten," <i>Pharmazie</i> 45 (1990), H. 8; pp. 592-593	<input type="checkbox"/>
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15	KIM et al., "Preparation and Evaluation of Eudragit Gels V. Rectal Gel Preparations for Sustained Release and Avoidance of First-Pass Metabolism of Lidocaine," <i>Chem. Pharm. Bull.</i> 40(10) 2800-2804 (1992)	<input type="checkbox"/>
16	CHERNG-JU KIM, "Drug Release from Compressed Hydrophilic POLYOX-WSR Tablets," <i>Journal of Pharmaceutical Sciences</i> , Vol. 84, No. 3, March 1995	<input type="checkbox"/>
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19	N. OHNISHI et al., "Effect of the Molecular Weight of Polyethylene Glycol on the Bioavailability of Indomethacin Sustained-Release Suppositories Prepared with Solid Dispersions," <i>Chem. Pharm. Bull.</i> , 35 (8) 3511-3515 (1987)	<input type="checkbox"/>
20	T. OZEKI et al., "Control of medicine release from solid dispersion composed of the poly(ethylene oxide)-carboxyvinyl/polymer interpolymer complex by varying molecular weight of poly(ethylene oxide)," <i>Journal of Controlled Release</i> 58 (1999) 87-95	<input type="checkbox"/>
21	Pharmaceutical Research, Official Journal of the American Association of Pharmaceutical Scientists, September 1989 (Supplement), Vol. 6, No. 9, 6.S-98	<input type="checkbox"/>
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24	S. RADKO et al., "Molecular sieving by polymer solutions: dependence on particle and polymer size, independence of polymer entanglement," <i>Applied and Theoretical Electrophoresis</i> (1995), 5, 79-88	<input type="checkbox"/>
25	J. SCHEIRS et al., "Characterizing the solid-state thermal oxidation of poly(ethylene oxide) powder," <i>Polymer</i> , 1991, Volume 32, Number 11	<input type="checkbox"/>
26	O.L. SPROCKEL et al., "Permeability of Cellolose Polymers: Water Vapour Transmission Rates," <i>J. Pharm. Pharmacol.</i> 1990, 42: 152-157	<input type="checkbox"/>
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29	M. ADEL EL-EGAKY et al., "Hot extruded dosage forms Part I," <i>Pharmaceutica Acta Helveticae</i> , Vol. 46, March 19, 1970	<input type="checkbox"/>
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32	N. FOLLONIER et al., "Evaluation of Hot-Melt Extrusion as a New Technique for the Production of Polymer-Based Pellets for Sustained Release Capsules Containing High Loadings of Freely Soluble Drugs," <i>Drug Development and Industrial Pharmacy</i> , 20(8), 1323-1339 (1994)	<input type="checkbox"/>
33	Remington's Pharmaceutical Sciences, Author Asol editor, pages 1553-1593, Chapter 89, 1980.	<input type="checkbox"/>
34	Inert Gas from Wikipedia (December 2009)	<input type="checkbox"/>

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35	COPPENS et al; "Hypromellose, Ethylcellulose, and Polyethylene Oxide Use in Hot Melt Extrusion"; Pharmaceutical Technology, 62-70, January 2005	<input type="checkbox"/>
36	CARABALLO et al., "Percolation Thresholds in Ultrasound Compacted Tablets", Journal of Controlled Release, Vol. 69, pgs. 345-355, (2000)	<input type="checkbox"/>
37	EL-SHERBINY et al., "Preparation Characterization, Swelling and in Vitro Drug Release Behaviour of Poly[N-acryloylglycine-chitosan] Interpolymeric pH and Thermally-responsive Hydrogels", European Polymer Journal, Vol. 41, pgs. 2584-2591 (2005)	<input type="checkbox"/>
38	GRIFFITH R., "Tablet Crushing and the Law: The Implications for Nursing", Drug Administration, Vol. 19, No. 1, pg. 41-42 (2003)	<input type="checkbox"/>
39	LEVINA et al., "The Effect of Ultrasonic Vibration on the Compaction Characteristic of Paracetamol", Journal of Pharmaceutical Sciences, Vol. 89, No. 6, pgs. 705-723, June 2000	<input type="checkbox"/>
40	LEVINA et al., "The Effect of Ultrasonic Vibration on the Compaction Characteristic of Ibuprofen", Drug Development and Industrial Pharmacy, Vol. 28, No. 5, pgs. 495-514 (2002)	<input type="checkbox"/>
41	MILLER, et al., "To Crush or Not to Be Crush", Nursing, pg. 50-52, February 2000	<input type="checkbox"/>
42	MITCHELL J.E., "Oral Dosage Forms That Should Not Be Crushed: 2000 Update", Special Resource, Vol. 35, No. 5, pp. 553-557, (2000)	<input type="checkbox"/>
43	PROESCHEL et al., "Task-Dependence of Activity/Bite-force Relations and its Impact on Estimation of Chewing Force from EMG", J. Dent. Res., Vol. 81, No. 7, pp. 464-468 (2002)	<input type="checkbox"/>

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